



Prescription Drug Monitoring Program Training and Technical Assistance Center

PMIX Working Group Activities

October 31, 2016



BRANDEIS UNIVERSITY **THE HELLER SCHOOL**
FOR SOCIAL POLICY AND MANAGEMENT

Agenda

- Overview of the PMIX Working Group
 - Purpose
 - Executive Committee Membership and Election Process
 - Changing the PMIX Architecture
- Operations Subcommittee
- Technical Architecture Subcommittee
- Security Architecture Review

Purpose of the PMIX Working Group

The purpose of the PMIX Working Group is to support the sharing of PDMP Data among PDMP organizations and their stakeholders by establishing and maintaining the PMIX National Architecture and related guidelines, policies and standards to minimize the cost and complexity of sharing PDMP data across organizational, vendor, geographic and operational boundaries; enable secure, trusted exchanges of PDMP data and promote consistency among PDMPs.

PMIX National Architecture

The PMIX National Architecture is a nationwide framework designed to enable standards-based sharing of information between Prescription Drug Monitoring Program (PDMP) organizations and their stakeholders.

Work Group Membership

- **PDMP Representatives:**
 - state employees or contractors serving in a staff role and designated by PDMP organizations in a geographic region to represent their interests on the PMIX Working Group Executive or other committees.
- **Advisory Members:**
 - Subject matter experts
 - Hub vendor representatives
 - Representatives of other organizations to which PDMPs may disclose data
 - Representatives of the Bureau of Justice Assistance, the Substance Abuse and Mental Health Services Administration, or other like organizations
 - Representatives of the organization which the Bureau of Justice Assistance has awarded funds to provide technical assistance to PDMPs

Executive Committee

Membership of the Executive Committee shall be:

- Limited to PDMP Representatives
- Two PDMP Representatives will be elected from each of the four PDMP Regions:
 - East: CT, DE, DC, ME, MD, MA, NH, NJ, NY, PA, RI, VT
 - North: IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI
 - South: AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA, WV
 - West: AK, AZ, CA, CO, GU, HI, ID, MT, NV, NM, OR, UT, WA, WY

Executive Committee Responsibilities

- Sole decision making body of the PMIX Working Group regarding:
 - Changes to the PMIX Architecture
 - Development of related standards, guidelines and policies
 - Modification to the Bylaws

Initial PDMP Representatives

- North

- Chad Garner, OH: 2 year term, serving through 2017
- Chad Zadrazil, WI: 1 year term, serving through 2016
- Alternate: Barb Carter, MN: 1 year term, serving through 2016

- South

- Jean Hall, KY: 2 year term, serving through 2017
- Denise Robertson, AR: 1 year term, serving through 2016
- Alternate: Alex Asbun, NC: 1 year term, serving through 2016

- East

- Michelle Ricco Jonas, NH: 2 year term, serving through 2017
- Dave Horton, VT: 1 year term, serving through 2016
- Alternate: vacant

- West

- Teresa Anderson, ID: 2 year term, serving through 2017
- Gary Garrety, WA: 1 year term, serving through 2016
- Alternate: Tina Farales, CA: 1 year term, serving through 2016

2017 Elections

- Process
 - By the last Friday in October, each region's state PDMP Organizations shall elect its PDMP representatives and provide the names to the Chairperson of the Executive Committee. Each region shall also identify one alternate representative.
 - The election of the nominees shall be overseen by the Executive Committee in accordance with guidelines established by the Executive Committee.

2017 Election Results

- North

- Chad Zadrazil, WI: 2 year term, serving through 2018
- Alternate: Barb Carter, MN: 1 year term, serving through 2017

- South

- Denise Robertson, AR: 2 year term, serving through 2018
- Alternate: Alex Asbun, NC: 1 year term, serving through 2017

- East

- Dave Horton, VT: 2 year term, serving through 2018
- Alternate: Nominations for the East region alternate should be out soon.

- West

- Tina Farales, CA: 2 year term, serving through 2018
- Alternate: Gary Garrety, WA: 1 year term, serving through 2017

Changing the PMIX Architecture

- Enables proposals to be made by any PDMP Representative or Advisory Member
- Designed to ensure adequate review by PDMP Representatives and Advisory Members

Changing the PMIX Architecture

Change
Proposed



Reviewed by
Executive
Committee



Subcommittee
Review



Posted for
Comments



Executive
Committee
Action

Chad Zadrazil (WI)
Chair of the PMIX Operations
Subcommittee

Operations Subcommittee: Report of Current Activities

Role of the Operations Subcommittee

- Business issues impacting the exchange of information between Prescription Drug Monitoring Programs and the development and maintenance of the operations of the PMIX Architecture
- Operational behaviors, policies and standards necessary to promote consistency across state PDMPs by proposing such artifacts to the Executive Committee for adoption

Healthcare Roles Standard

- Standard recommendation contains:
 - Role Name
 - Definition
 - Supplemental information to assist PDMPs:
 - Summary of requirements for PDMP Access
 - Helpful considerations for states when sharing data using the healthcare roles

Alex Asbun (NC)
Chair of the PMIX Technical
Subcommittee

Technical Subcommittee: Report of Current Activities

Standing Subcommittees

- Technical Architecture Subcommittee
 - Development and maintenance of the technical aspects of the PMIX Architecture
 - Technical behaviors, policies and standards necessary to promote consistency across state PDMPs by proposing such artifacts to the Executive Committee for adoption

Standards Recommendations

- Status Messages
- Alerts – System Generated
 - Errors
 - Timeouts
- Maintenance Notification
 - PDMP
 - Hub

Security Architecture Review

Hazem Eldadoky, CISSP, CAP, ITIL

- Chief Information Security Office and Director, IT Security Division
- Office of Justice Programs
- US Department of Justice

Initial Steps

- Provided education on information security to Executive and subcommittees
- Defined Guiding Principles for standards
- Reviewed Nationally accepted security standards

Guiding Principles

Guiding Principles to foster prescription drug information sharing across all Federal, State, Tribal , and approved third party entities in accordance with the PMIX National Architecture.

1. Protect state's full rights and control of Data Ownership.
2. Promote the adoption of security standards that protects the confidentiality, integrity, and availability of the data in transit and at rest.
3. Promote uniformity in the selection of a limited set of approved common data standards.
4. Promote a standard to which IT solution providers are held that ensures the best value products and/or services to PDMP participating states, while maintaining the public's trust and fulfilling public policy objectives.

Nationally Accepted Standards

- Federal Information Security Modernization Act (FISMA)
- National Institute of Standards and Technology (NIST)
- Health Insurance Portability and Accountability Act (HIPAA)
- Sarbanes-Oxley Act (SOX)
- Payment Card Industry Data Security Standard (PCI DSS)
- COBIT 5 for Information Security (ISACA)

Current and Next Steps

- Determine and define scope
 - Determine trust boundaries
 - Full Trust
 - Most Trust
 - Limited Trust
 - Least Trust
- Define Security Control groups in PDMP specific terms

Security Control Families

1. Access Control
2. Auditing
3. Awareness Training
4. Configuration Management
5. Contingency Planning
6. Identification and Authentication
7. Incident Response
8. Maintenance
9. Media Protection
10. Personnel Security
11. Physical and Environmental Protection
12. Planning
13. Program Management
14. Risk Assessment
15. Security Assessment and Authorization
16. System and Communication Protection
17. System and Information Integrity
18. System and Services Acquisitions

Current and Next Steps

- Select Applicable Security Control families/de-scope Security Controls
- Analyze Controls in each selected Security Control family
 - Define control requirements
 - Determine if there will be a required implementation
- Make initial standards recommendation

Current and Next Steps

- Vet recommendation with Operations and Technical Architecture subcommittees
- Present vetted standard recommendation to the Executive Committee
- Post standard recommendation for comment by all state PDMPs
- Address comments/questions/concerns
- Vote to approve or deny standards recommendation **can be referred back to subcommittees*



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